



**Asbestos Inspection Report
for
New London Sub Base
Building 105
Groton, Connecticut**

prepared for:

Ames & Whitaker Architects
21 Church Street
Waterbury, CT

October 24, 2008

EnviroMed Project # IH-08-265

470 Murdock Avenue, Meriden, CT 06450
(203) 238-4846 • facsimile (203) 238-4243

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I. PROJECT NARRATIVE

Overview

On September 15, 2008 an asbestos inspector from EnviroMed Services conducted an asbestos inspection of Building 105 at the New London Sub Base, Groton, Connecticut. The building was inspected in preparation for demolition. 101 bulk samples were taken and analyzed by Schneider Laboratories for asbestos content using Polarized Light Microscopy. Selected bulk samples were analyzed by Transmission Electron Microscopy.

Summary of Results

Refer to Section II, Bulk Sample Location Diagrams, for sample locations and identification. Section III presents the complete list of analytical results for samples collected. The following presents the locations and estimated quantities of materials found to contain greater than 1.0 percent asbestos:

Flooring Materials

The following asbestos-containing flooring materials were found in Building 105:

1. Material: 9" green vinyl floor tile with white streaks
Location & Quantity: First floor bathroom – 300 SF

The following flooring materials in Building 105 were found not to be asbestos-containing:

- 12" green w/ white streaks vinyl floor tile & associated mastic in the first floor offices
- Flooring mastic under the 9" green vinyl floor tile in the first floor bathroom
- 12" white vinyl floor tile & associated mastic in the first floor offices
- 12" blue vinyl floor tile & associated mastic in the second floor offices
- Carpet glue in the second floor offices
- 2'x2' studded rubber flooring in the second floor offices
- 12" beige w/ multicolor flecks vinyl floor tile and associated mastic under the studded rubber flooring in the second floor offices
- Grout and adhesive for the 6" gray ceramic tile in the second floor offices
- Grout and adhesive for the 4" white ceramic tile in the second floor offices
- Black coating on the concrete floors on the 1st, 2nd, 3rd, & 4th floors

Ceiling Materials

The following asbestos-containing ceiling materials were found in Building 105:

- None

The following ceiling materials in Building 105 were found not to be asbestos-containing:

- Wallboard ceiling and associated joint compound

- 2'x4' dot and crater pattern suspended ceiling tile
- 2'x4' generic pattern suspended ceiling tile
- 2'x2' styrofoam suspended ceiling tile
- 2'x4' bubbly perforated pattern suspended ceiling tile

Wall Materials

The following asbestos-containing wall materials were found in Building 105:

- None

The following wall materials in Building 105 were found not to be asbestos-containing:

- Wallboard and associated joint compound

Thermal Systems Insulation Materials

The following asbestos-containing thermal systems insulation materials were found in Building 105:

- None

The following thermal systems insulation materials in Building 105 were found not to be asbestos-containing:

- White mineral fiber blanket pipe insulation in the pipe tunnel next to Building 105

Baseboards

The following asbestos-containing baseboard materials were found in Building 105:

- None

The following baseboard materials in Building 105 were found not to be asbestos-containing:

- 4" black vinyl base & associated glue
- 4" brown vinyl base & associated glue
- 4" blue vinyl base & associated glue

Caulking Materials

The following asbestos-containing caulk materials were found in Building 105:

- None

The following caulking materials in Building 105 were found not to be asbestos-containing:

- Window frame caulk
- Window glazing putty
- Door frame caulk

- Door window glazing putty

Roofing Materials

The following asbestos-containing roofing materials were found on Building 105:

- None

The following roofing materials on Building 105 were found not to be asbestos-containing:

- Pitch box cement
- EPDM roofing seam cement

The roof of Building 105 is EPDM with polystyrene and perlite insulation, installed in 1995.

Miscellaneous Materials

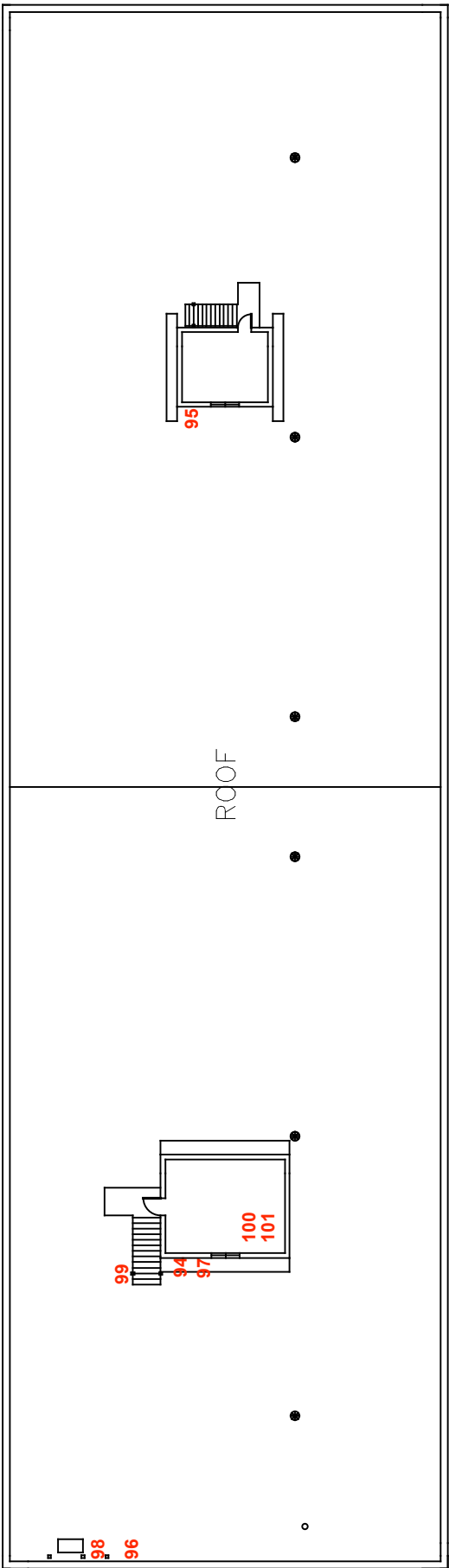
The following asbestos-containing miscellaneous materials were found in Building 105:

1. Material: Transite insulating blocks on elevator switchgear panel
Location & Quantity: Penthouse Elevator Equipment Rooms (2) – 4 SF
2. Material: White wire insulation on elevator switchgear panel
Location & Quantity: Penthouse Elevator Equipment Rooms (2) – 10 LF

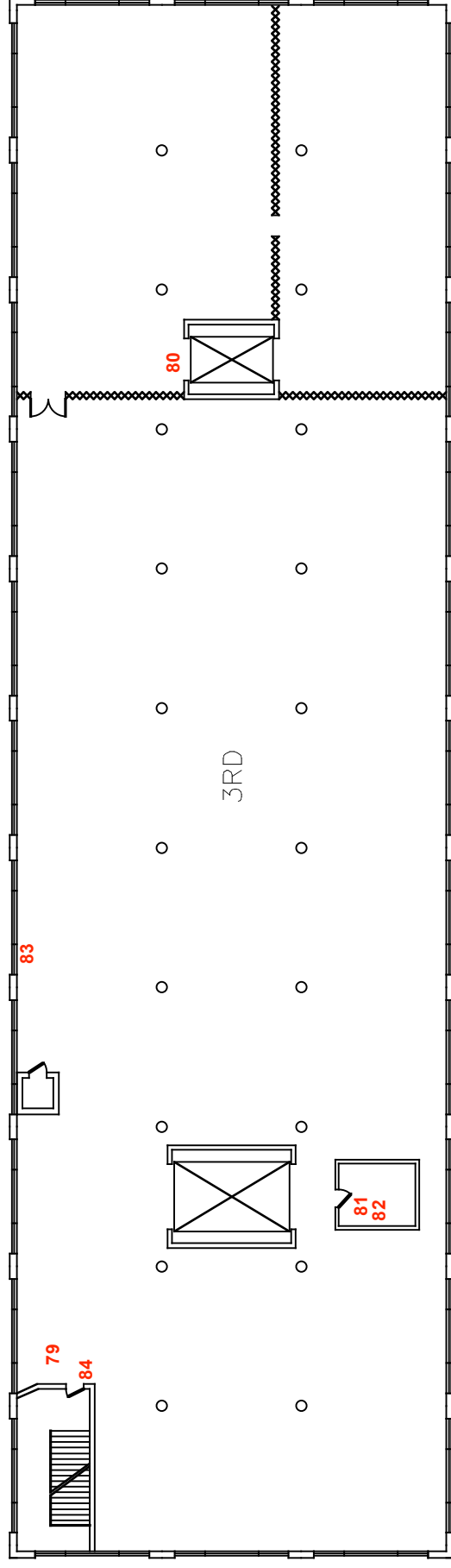
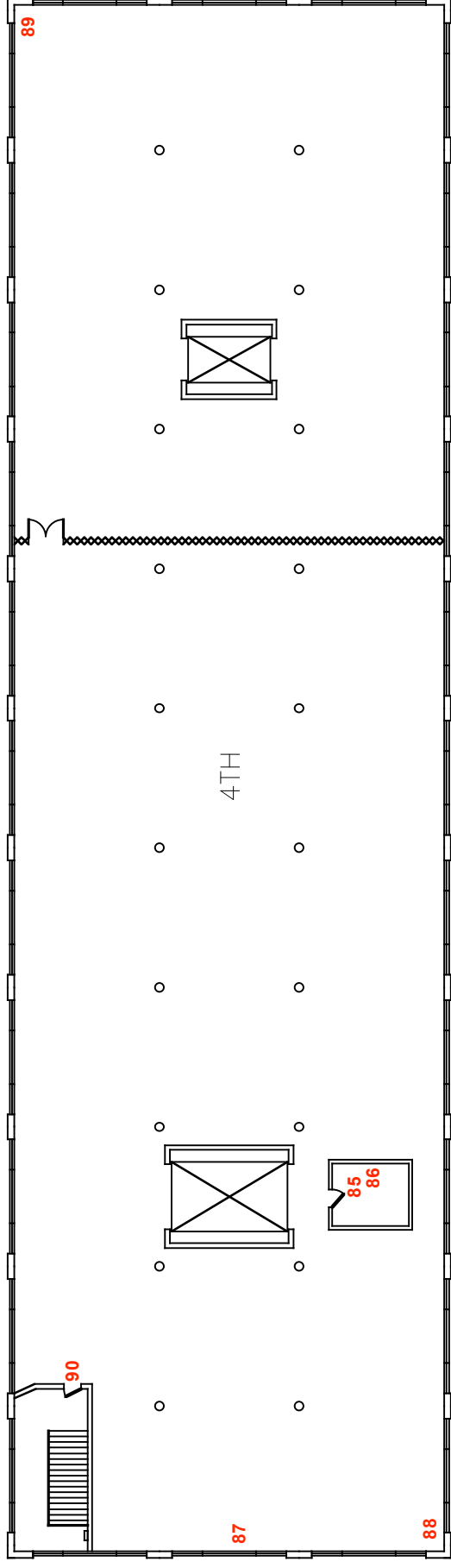
The following miscellaneous materials in Building 105 were found not to be asbestos-containing:

- Red Dryvit siding on sides of Penthouse Elevator Equipment Rooms

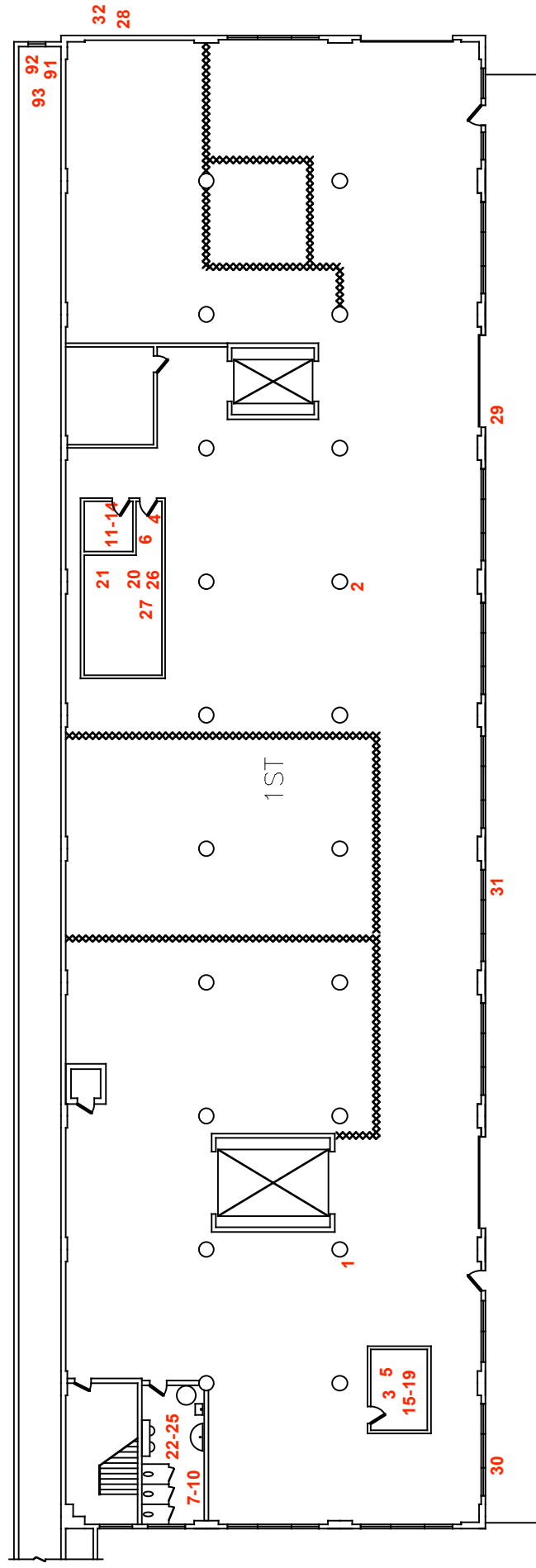
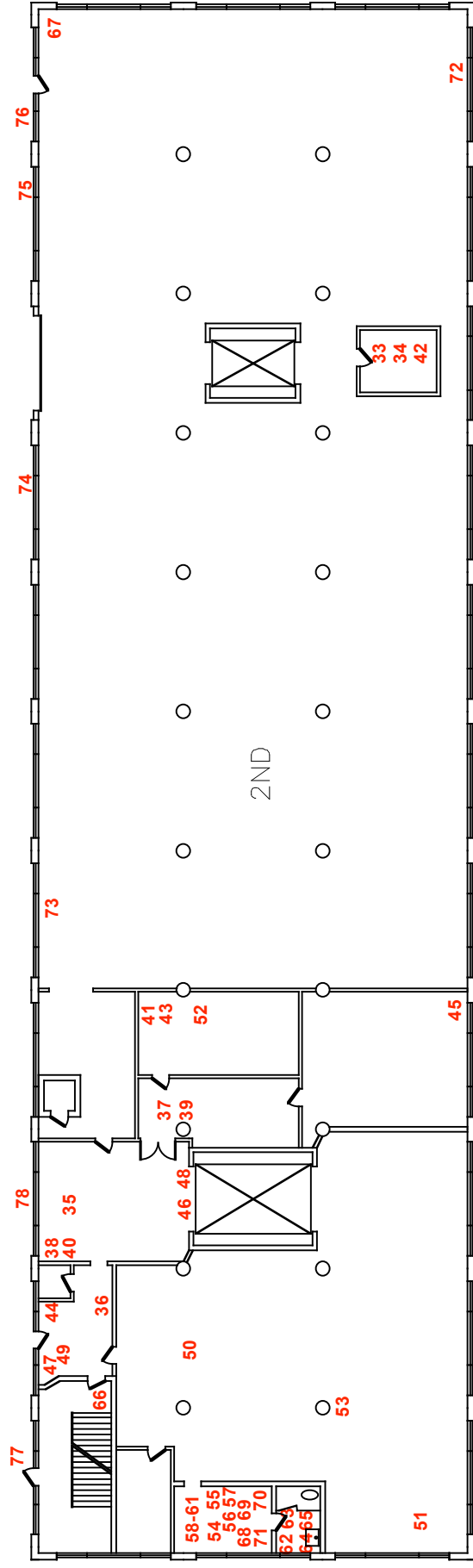
II. BULK SAMPLE LOCATION DIAGRAMS



ASBESTOS SAMPLE LOCATION DIAGRAM
BUILDING 105 - NEW LONDON SUB BASE
SEPTEMBER 2008



ASBESTOS SAMPLE LOCATION DIAGRAM
BUILDING 105 - NEW LONDON SUB BASE
SEPTEMBER 2008



**ASBESTOS SAMPLE LOCATION DIAGRAM
BUILDING 105 - NEW LONDON SUB BASE
SEPTEMBER 2008**

III. SAMPLE LOG AND RESULTS TABLE

Sample Number	Location	Material Sampled	Percent Asbestos	Consultant/Date
1	First Floor	black coating on concrete floors	NAD	EMS-9/08
2	First Floor	black coating on concrete floors	NAD	EMS-9/08
3	First Floor	12" vinyl floor tile green with white streaks	NAD	EMS-9/08
4	First Floor	12" vinyl floor tile green with white streaks	0% by TEM	EMS-9/08
5	First Floor	flooring mastic for 12" green vinyl floor tile	NAD	EMS-9/08
6	First Floor	flooring mastic for 12" green vinyl floor tile	NAD	EMS-9/08
7	First Floor	9" vinyl floor tile green with white streaks	3% by PLM	EMS-9/08
8	First Floor	9" vinyl floor tile green with white streaks	18%by TEM	EMS-9/08
9	First Floor	flooring mastic for 9" green vinyl floor tile	NAD	EMS-9/08
10	First Floor	flooring mastic for 9" green vinyl floor tile	NAD	EMS-9/08
11	First Floor	12" vinyl floor tile white with beige streaks	NAD	EMS-9/08
12	First Floor	12" vinyl floor tile white with beige streaks	0% by TEM	EMS-9/08
13	First Floor	flooring mastic for 12" white vinyl floor tile	NAD	EMS-9/08
14	First Floor	flooring mastic for 12" white vinyl floor tile	NAD	EMS-9/08
15	First Floor	wallboard	NAD	EMS-9/08
16	First Floor	wallboard	NAD	EMS-9/08
17	First Floor	wallboard joint compound	NAD	EMS-9/08
18	First Floor	wallboard joint compound	NAD	EMS-9/08
19	First Floor	wallboard joint compound	NAD	EMS-9/08
20	First Floor	2x4 suspended ceiling tile dot & crater pattern	NAD	EMS-9/08
21	First Floor	2x4 suspended ceiling tile dot & crater pattern	NAD	EMS-9/08
22	First Floor	4" vinyl base black	NAD	EMS-9/08
23	First Floor	4" vinyl base black	NAD	EMS-9/08
24	First Floor	glue for 4" black vinyl base	NAD	EMS-9/08

Sample Number	Location	Material Sampled	Percent Asbestos	Consultant/Date
25	First Floor	glue for 4" black vinyl base	NAD	EMS-9/08
26	First Floor	4" vinyl base brown	NAD	EMS-9/08
27	First Floor	4" vinyl base brown	NAD	EMS-9/08
28	First Floor	window glazing putty	NAD	EMS-9/08
29	First Floor	window glazing putty	NAD	EMS-9/08
30	First Floor	exterior window frame caulk	NAD	EMS-9/08
31	First Floor	exterior window frame caulk	NAD	EMS-9/08
32	First Floor	exterior window frame caulk	NAD	EMS-9/08
33	Second Floor	2x4 suspended ceiling tile generic pattern	NAD	EMS-9/08
34	Second Floor	2x4 suspended ceiling tile generic pattern	NAD	EMS-9/08
35	Second Floor	2x2 suspended ceiling tile styrofoam	NAD	EMS-9/08
36	Second Floor	2x2 suspended ceiling tile styrofoam	NAD	EMS-9/08
37	Second Floor	4" vinyl base blue	NAD	EMS-9/08
38	Second Floor	4" vinyl base blue	NAD	EMS-9/08
39	Second Floor	glue for 4" blue vinyl base	NAD	EMS-9/08
40	Second Floor	glue for 4" blue vinyl base	NAD	EMS-9/08
41	Second Floor	wallboard	NAD	EMS-9/08
42	Second Floor	wallboard	NAD	EMS-9/08
43	Second Floor	wallboard joint compound	NAD	EMS-9/08
44	Second Floor	wallboard joint compound	NAD	EMS-9/08
45	Second Floor	wallboard joint compound	NAD	EMS-9/08
46	Second Floor	12" vinyl floor tile blue	NAD	EMS-9/08
47	Second Floor	12" vinyl floor tile blue	0% by TEM	EMS-9/08

Sample Number	Location	Material Sampled	Percent Asbestos	Consultant/Date
48	Second Floor	flooring mastic for 12" blue vinyl floor tile	NAD	EMS-9/08
49	Second Floor	flooring mastic for 12" blue vinyl floor tile	NAD	EMS-9/08
50	Second Floor	2x4 suspended ceiling tile bubbly perforated pattern	NAD	EMS-9/08
51	Second Floor	2x4 suspended ceiling tile bubbly perforated pattern	NAD	EMS-9/08
52	Second Floor	carpet glue	NAD	EMS-9/08
53	Second Floor	carpet glue	NAD	EMS-9/08
54	Second Floor	2'x2' flooring studded rubber	NAD	EMS-9/08
55	Second Floor	2'x2' flooring studded rubber	NAD	EMS-9/08
56	Second Floor	glue for 2'x2' studded rubber flooring	NAD	EMS-9/08
57	Second Floor	glue for 2'x2' studded rubber flooring	NAD	EMS-9/08
58	Second Floor	ceramic tile grout 6" gray ceramic tile	NAD	EMS-9/08
59	Second Floor	ceramic tile grout 6" gray ceramic tile	NAD	EMS-9/08
60	Second Floor	ceramic tile adhesive 6" gray ceramic tile	NAD	EMS-9/08
61	Second Floor	ceramic tile adhesive 6" gray ceramic tile	NAD	EMS-9/08
62	Second Floor	ceramic tile grout 4" white ceramic tile	NAD	EMS-9/08
63	Second Floor	ceramic tile grout 4" white ceramic tile	NAD	EMS-9/08
64	Second Floor	ceramic tile adhesive 4" white ceramic tile	NAD	EMS-9/08
65	Second Floor	ceramic tile adhesive 4" white ceramic tile	NAD	EMS-9/08
66	Second Floor	black coating on concrete floors	NAD	EMS-9/08
67	Second Floor	black coating on concrete floors	NAD	EMS-9/08
68	Second Floor	12" vinyl floor tile beige with multicolor flecks	NAD	EMS-9/08
69	Second Floor	12" vinyl floor tile beige with multicolor flecks	0% by TEM	EMS-9/08
70	Second Floor	flooring mastic for 12" beige vinyl floor tile	NAD	EMS-9/08
71	Second Floor	flooring mastic for 12" beige vinyl floor tile	NAD	EMS-9/08

Sample Number	Location	Material Sampled	Percent Asbestos	Consultant/Date
72	Second Floor	interior window frame caulk	NAD	EMS-9/08
73	Second Floor	interior window frame caulk	NAD	EMS-9/08
74	Second Floor	window glazing putty	NAD	EMS-9/08
75	Second Floor	window glazing putty	NAD	EMS-9/08
76	Second Floor	door window glazing putty	NAD	EMS-9/08
77	Second Floor	door window glazing putty	NAD	EMS-9/08
78	Second Floor	door frame caulk exterior	NAD	EMS-9/08
79	Third Floor	black coating on concrete floors	NAD	EMS-9/08
80	Third Floor	black coating on concrete floors	NAD	EMS-9/08
81	Third Floor	2x4 suspended ceiling tile generic pattern	NAD	EMS-9/08
82	Third Floor	wallboard	NAD	EMS-9/08
83	Third Floor	interior window frame caulk	NAD	EMS-9/08
84	Third Floor	door window glazing putty	NAD	EMS-9/08
85	Fourth Floor	wallboard	NAD	EMS-9/08
86	Fourth Floor	2x4 suspended ceiling tile generic pattern	NAD	EMS-9/08
87	Fourth Floor	interior window frame caulk	NAD	EMS-9/08
88	Fourth Floor	black coating on concrete floors	NAD	EMS-9/08
89	Fourth Floor	black coating on concrete floors	NAD	EMS-9/08
90	Fourth Floor	door frame caulk white	NAD	EMS-9/08
91	Pipe Tunnel	pipe insulation white mineral fiber blanket	NAD	EMS-9/08
92	Pipe Tunnel	pipe insulation white mineral fiber blanket	NAD	EMS-9/08
93	Pipe Tunnel	pipe insulation white mineral fiber blanket	NAD	EMS-9/08

NAD = No Asbestos Detected
EMS = EnviroMed Services

Sample Number	Location	Material Sampled	Percent Asbestos	Consultant/Date
94	Penthouse Elevator Equipment Rm	red dryvit siding	NAD	EMS-10/08
95	Penthouse Elevator Equipment Rm	red dryvit siding	NAD	EMS-10/08
96	Roof	seam cement for EPDM roofing	NAD	EMS-10/08
97	Roof	seam cement for EPDM roofing	NAD	EMS-10/08
98	Roof	roof pitch box cement	NAD	EMS-10/08
99	Roof	roof pitch box cement	NAD	EMS-10/08
100	Penthouse Elevator Equipment Rm	white wire insulation for elevator switch panel	75%	EMS-10/08
101	Penthouse Elevator Equipment Rm	transite insulating block for elevator switch panel	15%	EMS-10/08

NAD = No Asbestos Detected
EMS = EnviroMed Services

IV. INSPECTOR LICENSE

WALLET CARD

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

NAME

JOHN LUBY

VALIDATION NO.

03-614359

LICENSE NO.

000031

CURRENT THROUGH

12/31/08

PROFESSION

ASBESTOS CONSULTANT-INSPECTOR

SIGNATURE

COMMISSIONER